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(54) Title: METHOD FOR DIAGNOSING AND TREATMENT OF BREAST CANCER AND PHARMACEUTICALS COPM-
SITION AND KIT FOR SAME

(57) Abstract: Among other findings, the invention is based on the identification that p14 peptide is expressed in mammary carci-
noma cells harboring MMTV. Thus, the invention provides methods for diagnosing breast cancer in subjects comprising determining
the levels of expression of the peptide or the levels of anti-p14 antibodies produced in the subject to the peptide. The invention also
provides screening methods of individuals with high probability of having breast cancer as well as to therapeutic methods; pharma-
ceutical compositions and vaccine making use of the anti-p14 antibodies or p14 peptides or produced thereby.

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